| Ref<br># | Hits  | Search Query                                                                                                                                                    | DBs                                                     | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|---------|------------------|
| S1       | 24182 | "smart card"                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/08 16:54 |
| S2       | 24182 | smart adj card                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/08 16:54 |
| S3       | 7996  | smart adj card and encrypt\$                                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/08 16:55 |
| S4       | 1701  | smart adj card with encrypt\$                                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/08 16:56 |
| S5       | 32    | (smart adj card with encrypt\$) and APDU                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/08 19:15 |
| S6 ·     | 32    | (smart card \$2crypt\$ APDU secur\$3 communicat\$3 command interface network receiv\$3 send\$3 transmi\$6) and S5                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/08 18:59 |
| S7       | 32    | (smart adj card with encrypt\$) and APDU                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/08 20:11 |
| S8       | 32    | (smart card \$2crypt\$ APDU secur\$3 communicat\$3 command interface network receiv\$3 send\$3 transmi\$6 authenticat\$3 pin username password verif\$8) and S7 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/08 20:16 |
| S9       | 33    | (smart adj card with encrypt\$) and (APDU or (application adj protocol adj data adj unit))                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/08 19:15 |
| S10      | . 65  | (smart adj card) and APDU and ((secur\$3 encrypt\$3 encipher\$3 encypher\$3 encod\$3) near3 (communication link connection transmi\$6))                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/10 15:54 |

| S11 | 50   | S10 not S9                                                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/07/08 20:13 |
|-----|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------|------|------------------|
| S12 | 16   | (US-20020083142-\$ or<br>US-20020040936-\$ or<br>US-20010039587-\$ or<br>US-20030097344-\$).did. or<br>(US-6481632-\$ or US-6233683-\$ or<br>US-6005942-\$ or US-6591095-\$ or<br>US-6792536-\$ or US-6892301-\$ or<br>US-6824064-\$ or US-6718314-\$ or<br>US-6694436-\$ or US-6609114-\$ or<br>US-6434238-\$ or US-6385729-\$).<br>did. | US-PGPUB;<br>USPAT                                      | OR   | ON   | 2005/07/08 20:16 |
| S13 | 16   | (smart card \$2crypt\$ APDU secur\$3 communicat\$3 command interface network receiv\$3 send\$3 transmi\$6 authenticat\$3 pin username password verif\$8 secur\$3 encrypt\$3 encipher\$3 encypher\$3 encod\$3 communication link connection transmi\$6) and \$12                                                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/07/10 17:38 |
| S14 | 2607 | 235/492.ccls.                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/07/08 20:17 |
| S15 | 3767 | 713/201.ccls.                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON - | 2005/07/08 20:17 |
| S16 | 63   | (smart adj card) and APDU and ((secur\$3 encrypt\$3 encipher\$3 encypher\$3 encod\$3) near3 (communication link connection transmi\$6)) and (LAN WAN Network)                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON   | 2005/07/10 17:10 |
| S17 | 64   | (smart adj card) and APDU and (((secur\$3 encrypt\$3 encipher\$3 encypher\$3 encypher\$3 (communication link connection transmi\$6)) or VPN) and (LAN WAN Network)                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/07/10 17:11 |
| S18 | 64   | (smart adj card) and APDU and (((secur\$3 encrypt\$3 encipher\$3 encypher\$3 encypher\$3 (communication link connection transmi\$6)) or VPN or (virtual adj private adj network)) and (LAN WAN Network)                                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/07/10 17:12 |

| S19 | 63   | (smart adj card) and APDU and ((secur\$3 encrypt\$3 encipher\$3 encypher\$3 encod\$3) near3 (communication link connection transmi\$6)) and (LAN WAN Network)                                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2005/07/10 17:17 |
|-----|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|------|------------------|
| S20 | 1    | S18 not S19                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2005/07/10 17:12 |
| S21 | 2    | (smart adj card) and APDU and ((secur\$3 encrypt\$3 encipher\$3 encypher\$3 encod\$3) near3 (communication link connection transmi\$6)) and (LAN WAN Network) and (VPN or (virtual adj private adj network))                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2005/07/10 17:13 |
| S22 | 4028 | (smart adj card) and ((secur\$3 encrypt\$3 encipher\$3 encod\$3) adj3 (communication link connection transmi\$6)) and (LAN WAN Network)                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2005/07/10 17:18 |
| S23 | 2763 | (smart adj card) and ((secur\$3 encrypt\$3 encipher\$3 encypher\$3 encod\$3) adj (communication link connection transmi\$6)) and (LAN WAN Network)                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2005/07/10 17:18 |
| S24 | 44   | (smart adj card) and ((secur\$3 encrypt\$3 encipher\$3 encypher\$3 encod\$3) adj (communication link connection transmi\$6)) and (LAN WAN Network) and APDU                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2005/07/10 17:18 |
| S25 | 1    | 09/177876                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2005/07/10 17:25 |
| S26 | 33   | (smart adj card with encrypt\$) and (APDU or (application adj protocol adj data adj unit))                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2005/07/10 17:38 |
| S27 |      | (smart card \$2crypt\$ APDU secur\$3 communicat\$3 command interface network receiv\$3 send\$3 transmi\$6 authenticat\$3 pin username password verif\$8 secur\$3 encrypt\$3 encipher\$3 encypher\$3 encod\$3 communication link connection transmi\$6) and S26 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2005/07/10 17:38 |

| S28 | 16 | (US-20020083142-\$ or                                                                                                                                                                                                                                                                                            | US-PGPUB;                                               | OR | ON | 2005/07/10 17:38 |
|-----|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
|     |    | US-20020040936-\$ or<br>US-20010039587-\$ or<br>US-20030097344-\$).did. or<br>(US-6481632-\$ or US-6233683-\$ or<br>US-6005942-\$ or US-6591095-\$ or<br>US-6792536-\$ or US-6892301-\$ or<br>US-6824064-\$ or US-6718314-\$ or<br>US-6694436-\$ or US-6609114-\$ or<br>US-6434238-\$ or US-6385729-\$).<br>did. | USPAT                                                   |    |    |                  |
| S29 | 16 | (smart card \$2crypt\$ APDU secur\$3 communicat\$3 command interface network receiv\$3 send\$3 transmi\$6 authenticat\$3 pin username password verif\$8 secur\$3 encrypt\$3 encipher\$3 encypher\$3 encod\$3 communication link connection transmi\$6) and \$28                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/10 17:39 |